

	Document ID	Issue Date	Title	Current OR
1	US 6171839 B1	20010109	Soybean glutathione-S-transferase enzymes	435/193
2	US 6168954 B1	20010102	Soybean glutathione-S-transferase enzymes	435/468
3	US 6096945 A	20000801	Modification of starch content in plants	800/284
4	US 6096504 A	20000801	Maize glutathione-S-transferase enzymes	435/6
5	US 6063570 A	20000516	Soybean glutathione-S-transferase enzymes	435/6
6	US 5962229 A	19991005	Maize glutathione-S-transferase enzymes	435/6
7	US 5914389 A	19990622	E6 associated protein	530/350
8	US 5627265 A	19970506	Receptor for cell-binding domain of thrombospondins	530/350
9	US 5532348 A	19960702	E6 associated protein and methods of use thereof	536/23.5
10	US 4645672 A	19870224	Preparation of improved bread with gamma-glutamyl transferase	426/20
11	US 5589614 A	19961231	27 KD sub-unit of glutathione-S-transferase, isoform II - DNA encoding it and its inducible promoter, used with GST isoforms I and III to produce herbicide-resistant, transgenic plants, e.g. maize and wheat	

	Inventor
1	McGonigle, Brian , et al.
2	McGonigle, Brian , et al.
3	Burrell, Michael Meyrick , et al.
4	McGonigle, Brian , et al.
5	McGonigle, Brian , et al.
6	McGonigle, Brian , et al.
7	Huibregtse, Jon M. , et al.
8	Frazier, William A. , et al.
9	Huibregtse, Jon M. , et al.
10	Inoue, Seijiro , et al.
11	IN

L4 ANSWER 1 OF 11 AGRICOLA
 AN 94:3128 AGRICOLA
 DN IND20361961
 TI Differential induction of distinct **glutathione-S-transferases** of wheat by xenobiotics and by pathogen attack.
 AU Mauch, F.; Dudler, R.
 AV DNAL (450 P692)
 SO Plant physiology, Aug 1993. Vol. 102, No. 4. p. 1193-1201
 Publisher: Rockville, MD : American Society of Plant Physiologists, 1926-
 CODEN: PLPHAY; ISSN: 0032-0889
 NTE Includes references
 CY Maryland; United States
 DT Article; Conference
 FS U.S. Imprints not USDA, Experiment or Extension
 LA English

L4 ANSWER 2 OF 11 BIOSIS COPYRIGHT 2001 BIOSIS
 AN 2001:504293 BIOSIS
 DN PREV200100504293
 TI The expression of a maize **glutathione S-transferase** gene in transgenic wheat confers herbicide tolerance, both in planta and in vitro.
 AU Milligan, A. S.; Daly, A.; Parry, M. A. J.; Lazzeri, P. A.; Jepson, I. (1)
 CS (1) Jealott's Hill Research Station, Syngenta, Bracknell, Berkshire, RG42
 6ET: Ian.Jepson@syngenta.com UK
 SO Molecular Breeding, (2001) Vol. 7, No. 4, pp. 301-315. print.
 ISSN: 1380-3743.
 DT Article
 LA English
 SL English

L4 ANSWER 3 OF 11 BIOSIS COPYRIGHT 2001 BIOSIS
 AN 1999:73648 BIOSIS
 DN PREV199900073648
 TI Identification of tyrosine phosphorylation sites in human Gab-1 protein by EGF receptor kinase in vitro.
 AU Lehr, Stefan; Kotzka, Joerg; Herkner, Armin; Klein, Elfriede; Siethoff, Christoph; Knebel, Birgit; Noelle, Volker; Bruening, Jens C.; Klein, Helmut W.; Meyer, Helmut E.; Krone, Wilhelm; Mueller-Wieland, Dirk (1)
 CS (1) Klinik II Poliklinik fuer Innere Medizin Univ. zu Koeln, 50924 Cologne Germany
 SO Biochemistry, (Jan. 5, 1999) Vol. 38, No. 1, pp. 151-159.
 ISSN: 0006-2960.
 DT Article
 LA English

L4 ANSWER 4 OF 11 BIOSIS COPYRIGHT 2001 BIOSIS
 AN 1996:536507 BIOSIS
 DN PREV199699258863
 TI Interspecies cross-reactivity of a monoclonal antibody directed against wheat chloroplast fructose-1,6-bisphosphatase.
 AU Hagelin, Karin; Rodriguez-Suarez, Roberto; Katzen, Federico; Wolosiuk, Ricardo A. (1); Baldi, Pablo C.; Giambartolomei, Guillermo H.; Fossati, Carlos A.; Dyer, Tristan
 CS (1) Inst. Invest. Bioquim. "Luis F. Leloir" Fund. Campomar, Fac. Cienc. Exactas Nat., Univ. Buenos Aires, Antonio Machado 151, 1405 Buenos Aires Argentina
 SO Cellular and Molecular Biology (Noisy-Le-Grand), (1996) Vol. 42, No. 5, pp. 673-682.
 DT Article
 LA English

L4 ANSWER 5 OF 11 CAPLUS COPYRIGHT 2001 ACS
 AN 2001:618188 CAPLUS
 DN 135:191252
 TI Peptide based DNA sequence identification and analysis and application to detection of polymorphism, mutations, and disease diagnosis

IN Jarvik, Jonathan W.
PA Sequel Genetics, Inc., USA
SO PCT Int. Appl., 63 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2001061028	A2	20010823	WO 2001-US5058	20010216
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
	RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
PRAI	US 2000-182816	P	20000216		
	US 2000-189310	P	20000314		

L4 ANSWER 6 OF 11 CAPLUS COPYRIGHT 2001 ACS
AN 2000:790647 CAPLUS
DN 133:345572
TI Method for producing transgenic plants resistant to glyphosate herbicides
IN Hawkes, Timothy Robert; Warner, Simon Anthony James; Andrews, Christopher John; Bachoo, Satvinder; Pickerill, Andrew Paul
PA Zeneca Limited, UK
SO PCT Int. Appl., 87 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2000066748	A1	20001109	WO 2000-GB1573	20000420
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
	RW: GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
PRAI	GB 1999-17834	A	19990429		
	GB 1999-30213	A	19990429		
	GB 1999-9968	A	19990429		
	GB 1999-17839	A	19990729		
	GB 1999-17840	A	19990729		
	GB 1999-17846	A	19990729		
	GB 1999-17847	A	19990729		
	GB 1999-30200	A	19991221		
	GB 1999-30204	A	19991221		
	GB 1999-30207	A	19991221		
	GB 1999-30209	A	19991221		

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RE

- (1) Asgrow Seed Co; WO 9839419 A 1998 CAPLUS
 - (2) Cambridge Advanced Tech; WO 9720056 A 1997 CAPLUS
 - (3) Commw Scient Ind Res Org; EP 0459643 A 1991 CAPLUS
 - (4) Daniell, H; WO 9910513 A 1999 CAPLUS
 - (5) Gasser, C; JOURNAL OF BIOLOGICAL CHEMISTRY 1988, V263(9), P4280 CAPLUS
- ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 7 OF 11 CAPLUS COPYRIGHT 2001 ACS
AN 2000:790646 CAPLUS

DN 133:345571
 TI Method for producing transgenic plants resistant to glyphosate herbicides
 IN Hawkes, Timothy Robert; Warner, Simon Anthony James; Andrews, Christopher
 John; Bachoo, Satvinder; Pickerill, Andrew Paul
 PA Zeneca Limited, UK
 SO PCT Int. Appl., 98 pp.
 CODEN: PIXXD2
 DT Patent
 LA English
 FAN.CNT 2

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2000066747	A1	20001109	WO 2000-GB1572	20000420
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM RW: GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
PRAI	GB 1999-17835	A	19990429		
	GB 1999-9967	A	19990429		
	GB 1999-9969	A	19990429		
	GB 1999-9972	A	19990429		
	GB 1999-9981	A	19990429		
	GB 1999-17836	A	19990729		
	GB 1999-17843	A	19990729		
	GB 1999-30202	A	19991221		
	GB 1999-30210	A	19991221		
	GB 1999-30212	A	19991221		

RE.CNT 10

RE

- (1) Asgrow Seed Co; WO 9839419 A 1998 CAPLUS
 - (2) Cambridge Advanced Tech; WO 9720056 A 1997 CAPLUS
 - (3) Commw Scient Ind Res Org; EP 0459643 A 1991 CAPLUS
 - (4) Daniell, H; WO 9910513 A 1999 CAPLUS
 - (5) Gasser, C; JOURNAL OF BIOLOGICAL CHEMISTRY 1988, V263(9), P4280 CAPLUS
- ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 8 OF 11 CAPLUS COPYRIGHT 2001 ACS
 AN 2000:790645 CAPLUS
 DN 133:345570
 TI Method for producing transgenic plants resistant to glyphosate herbicides
 IN Hawkes, Timothy Robert; Warner, Simon Anthony James; Andrews, Christopher
 John; Bachoo, Satvinder; Pickerill, Andrew Paul
 PA Zeneca Limited, UK
 SO PCT Int. Appl., 85 pp.
 CODEN: PIXXD2
 DT Patent
 LA English
 FAN.CNT 2

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2000066746	A1	20001109	WO 2000-GB1559	20000420
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM RW: GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
PRAI	GB 1999-9971	A	19990429		
	GB 1999-9972	A	19990429		
	GB 1999-17837	A	19990729		
	GB 1999-17842	A	19990729		

• GB 1999-30190 A 19991221
GB 1999-30206 A 19991221
GB 1999-30214 A 19991221
GB 1999-30216 A 19991221

RE.CNT 2

RE

(1) Gasser, C; JOURNAL OF BIOLOGICAL CHEMISTRY 1988, V263(9), P4280 CAPLUS

(2) McElroy, D; WO 9844140 A 1998 CAPLUS

L4 ANSWER 9 OF 11 CAPLUS COPYRIGHT 2001 ACS

AN 1999:691216 CAPLUS

DN 131:320378

TI Fatty acid elongase gene expression in guard cells regulates stomatal number

IN Van Der Lee, Frederique Marianne; Sijmons, Peter Christiaan; Hetherington, Alistair Macculloch; Holroyd, Geoffrey Heys; Gray, Julie Elizabeth

PA Zeneca Limited, UK

SO PCT Int. Appl., 45 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9954471	A1	19991028	WO 1999-GB1191	19990419
W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, SD, SL, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
AU 9936151	A1	19991108	AU 1999-36151	19990419
BR 9909765	A	20001219	BR 1999-9765	19990419
EP 1080196	A1	20010307	EP 1999-918107	19990419
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI				
PRAI GB 1998-8304	A	19980420		
WO 1999-GB1191	W	19990419		

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RE

(1) Calgene Inc; WO 9515387 A 1995 CAPLUS

(2) Dna Plant Techn Corp; WO 9613582 A 1996 CAPLUS

(3) Ferl, R; ANNUAL REVIEW IN PLANT PHYSIOLOGY AND PLANT MOLECULAR BIOLOGY 1996, V47, P49 CAPLUS

(4) James, D; PLANT CELL 1995, V7, P309 CAPLUS

(7) Todd, J; THE PLANT JOURNAL 1999, V17(2), P119 CAPLUS

ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 10 OF 11 CAPLUS COPYRIGHT 2001 ACS

AN 1993:442305 CAPLUS

DN 119:42305

TI Nucleotide sequence of the gene for a **glutathione S-transferase** from cell suspension cultures of *Silene cucubalus*

AU Praendl, Ralf; Kutchan, Toni M.

CS Univ. Muechen, Munich, D-8000, Germany

SO Plant Physiol. (1992), 99(4), 1729-31

CODEN: PLPHAY; ISSN: 0032-0889

DT Journal

LA English

L4 ANSWER 11 OF 11 CAPLUS COPYRIGHT 2001 ACS

AN 1988:449623 CAPLUS

DN 109:49623

TI **Glutathione S-transferase** gene cloning and its use in preparation of herbicide-tolerant plants

PA Ciba-Geigy A.-G., Switz.

US 095087100MP1



Creation date: 29-08-2003
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